




How to change front brake discs on Alfa Romeo 159 Sportwagon – replacement guide


VIDEO TUTORIAL

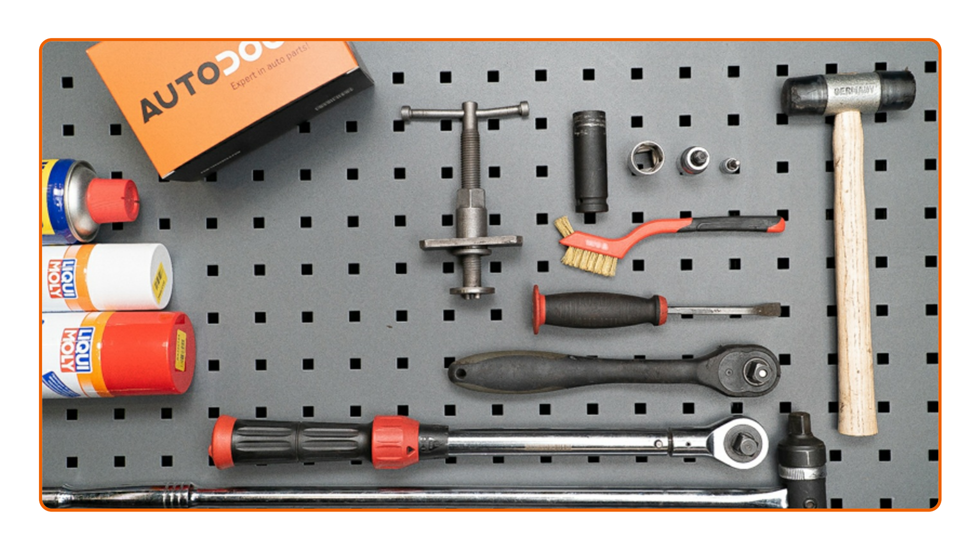
Important!

This replacement procedure can be used for:
ALFA ROMEO 159 (939_) 2.2 JTS (939AXB1B, 939AXB11), ALFA ROMEO 159 Sportwagon (939_) 2.2 JTS (939BXB1B, 939BXB11), ALFA ROMEO BRERA (939_) 2.2 JTS (939.DXB11), ALFA ROMEO SPIDER (939_) 2.2 JTS (939EXB1B, 939EXB11)

The steps may slightly vary depending on the car design.



REPLACEMENT: BRAKE DISCS – ALFA ROMEO 159 SPORTWAGON. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 19
- HEX bit No.H4.
- HEX bit No.H7.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Replacement: brake discs – Alfa Romeo 159 Sportwagon. Tip from AUTODOC:

- Replace the brake disks on the car Alfa Romeo 159 (939) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – ALFA ROMEO 159 SPORTWAGON. TAKE THE FOLLOWING STEPS:

1



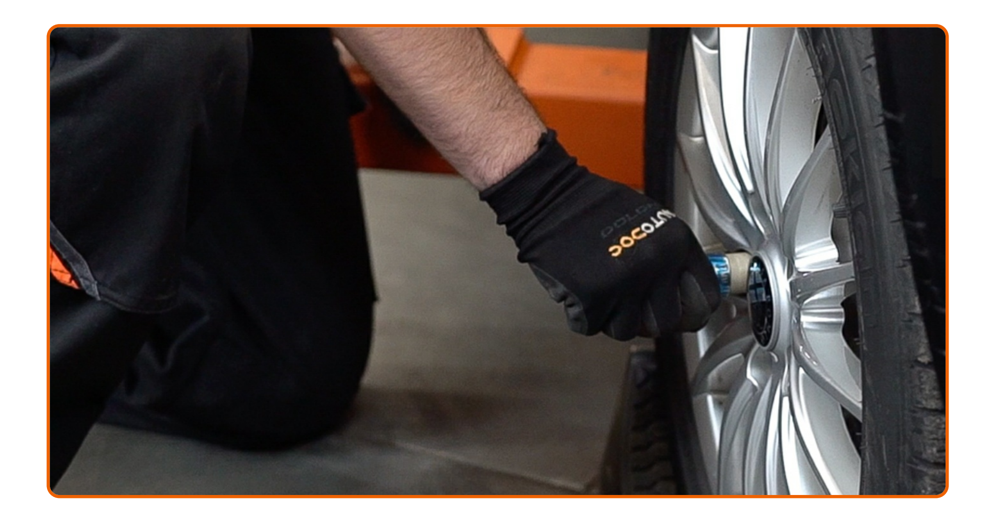
Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

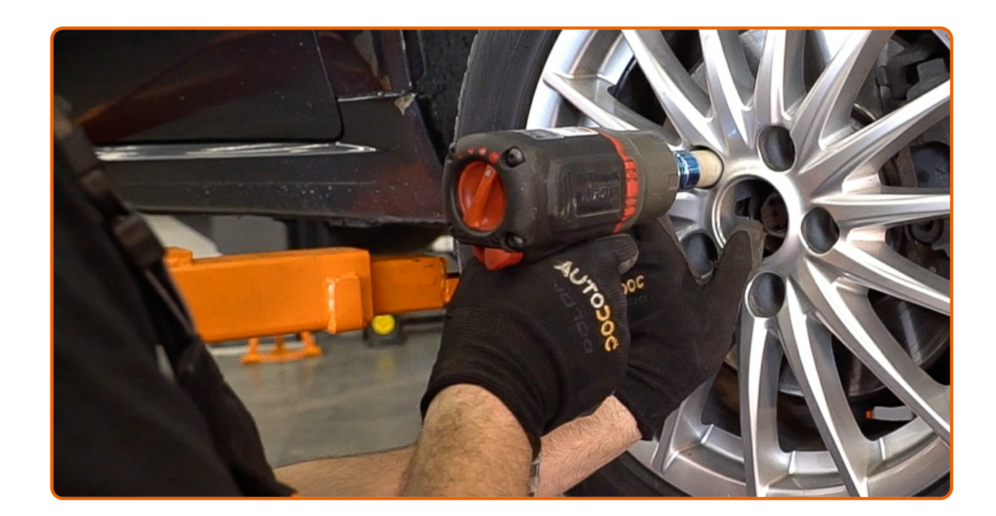


4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Alfa Romeo 159 Sportwagon

6



Remove the wheel.

7



Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

8

Disconnect the brake pad wear sensor plug.

Please note!

- Some cars are not equipped with the brake pad wear sensor.

9

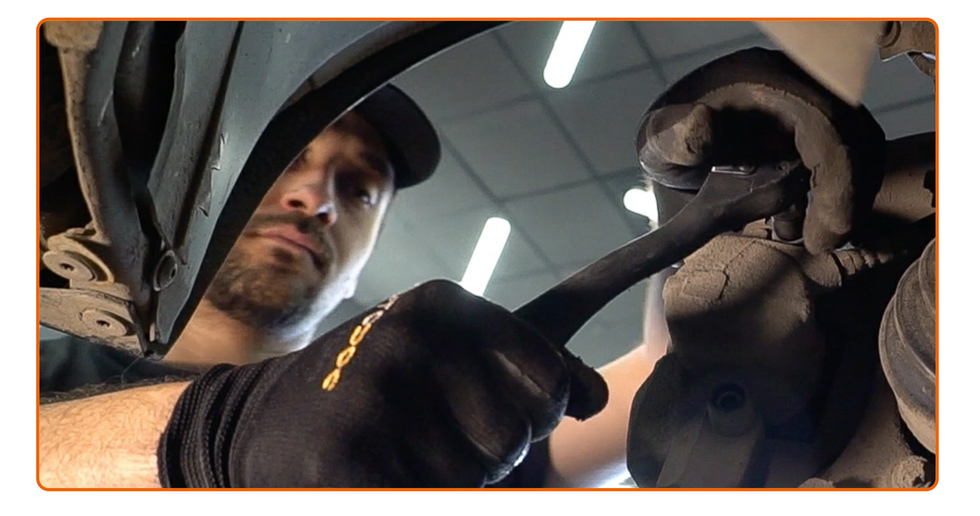


Spread the brake pads. Use a crowbar.

10

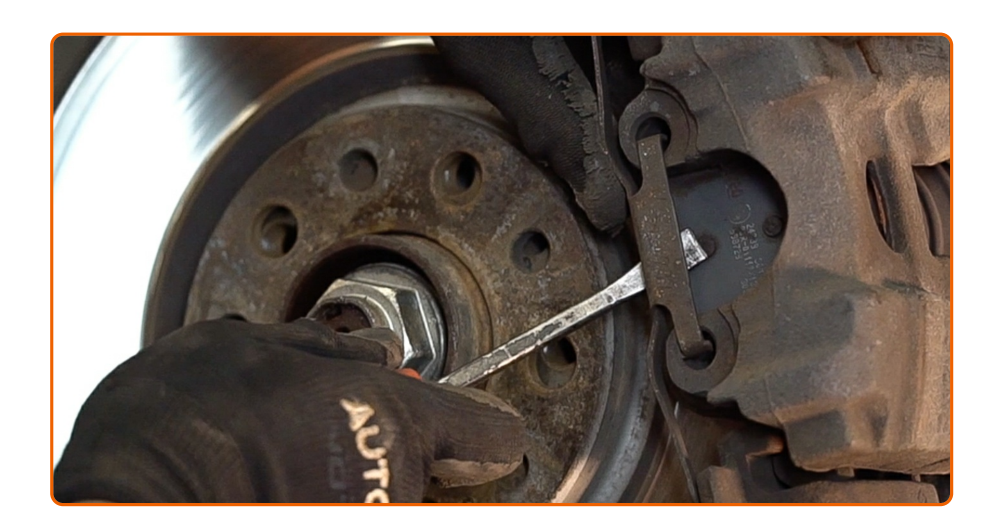
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

11



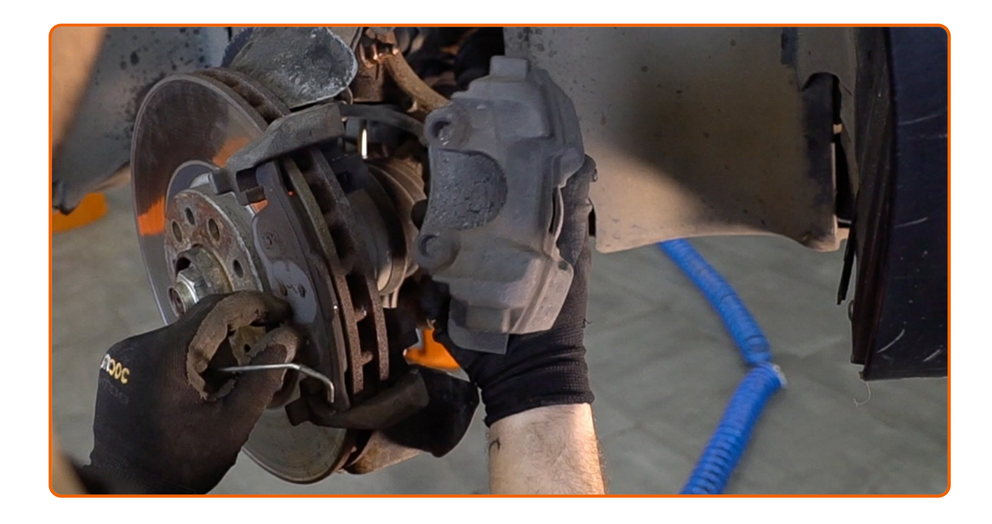
Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.

12



Detach the brake caliper retaining spring. Use a crowbar.

13



Remove the brake caliper.

Replacement: brake discs – Alfa Romeo 159 Sportwagon. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.



14



Remove the brake pads.

15



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

16



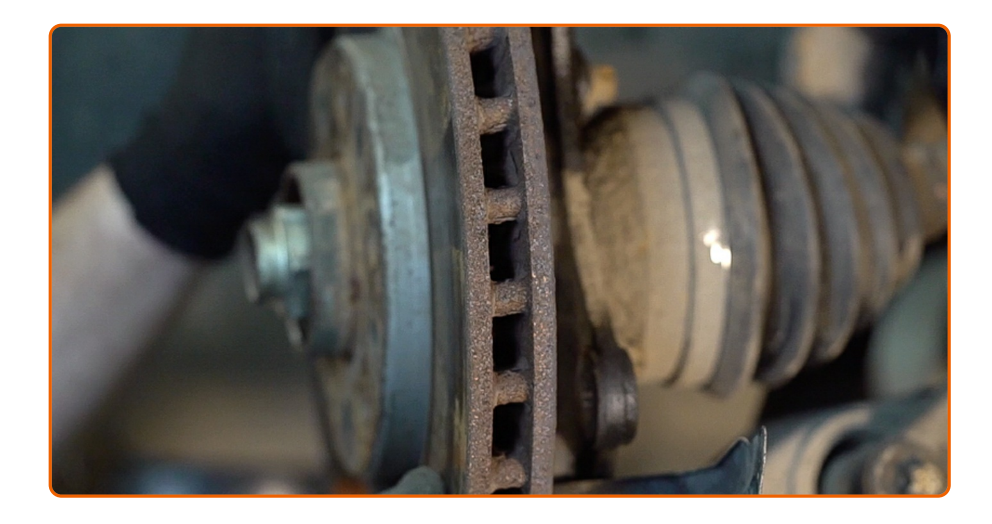
Unscrew the caliper bracket fastening. Use a drive socket #19. Use a tap wrench. Use a ratchet wrench.

17



Remove the caliper bracket.

18



Unscrew the brake disc fastening. Use HEX No.H4. Use a ratchet wrench.

19



Remove the brake disc.

20



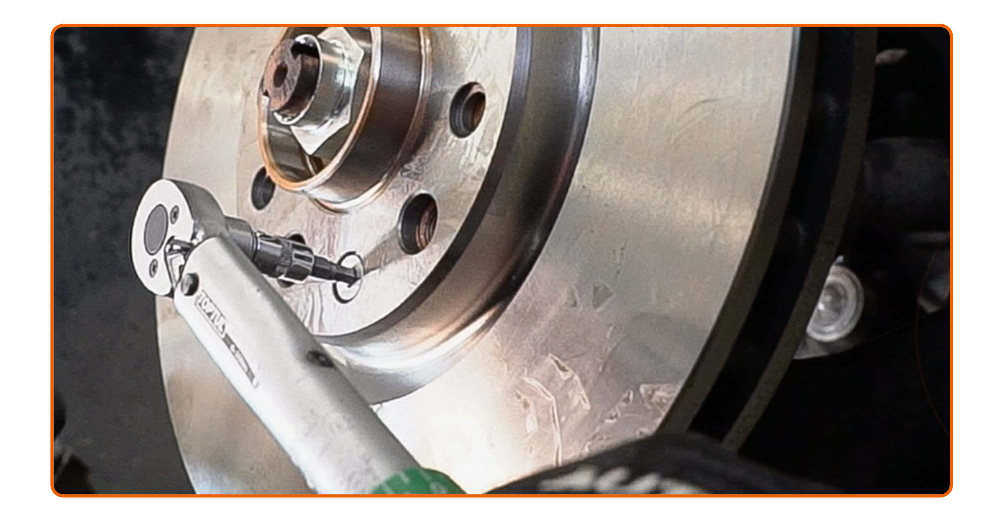
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

21



Install the brake disc.

22

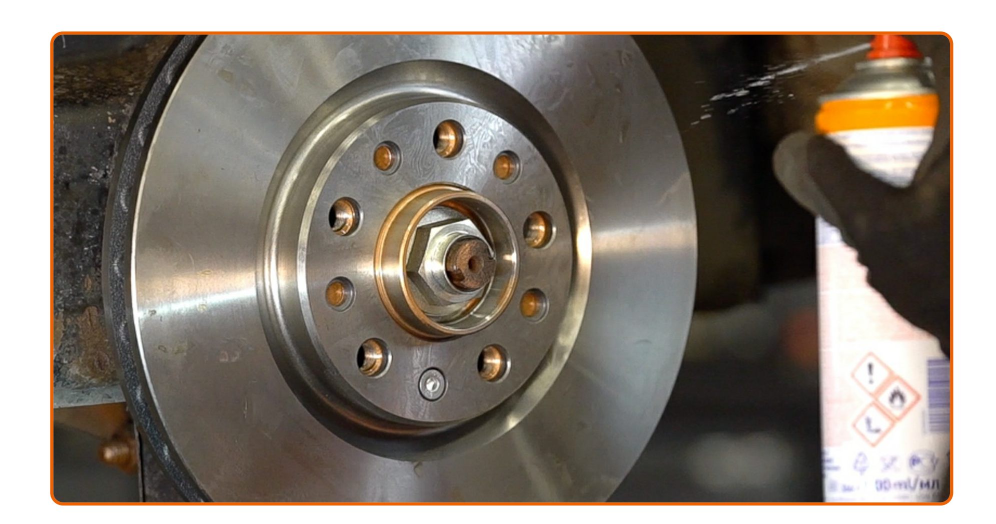


Tighten the brake disc fastening. Use HEX No.H4. Use a torque wrench. Tighten it to 9 Nm torque.

Replacement: brake discs – Alfa Romeo 159 Sportwagon. AUTODOC experts recommend:

- You might need other tools.

23

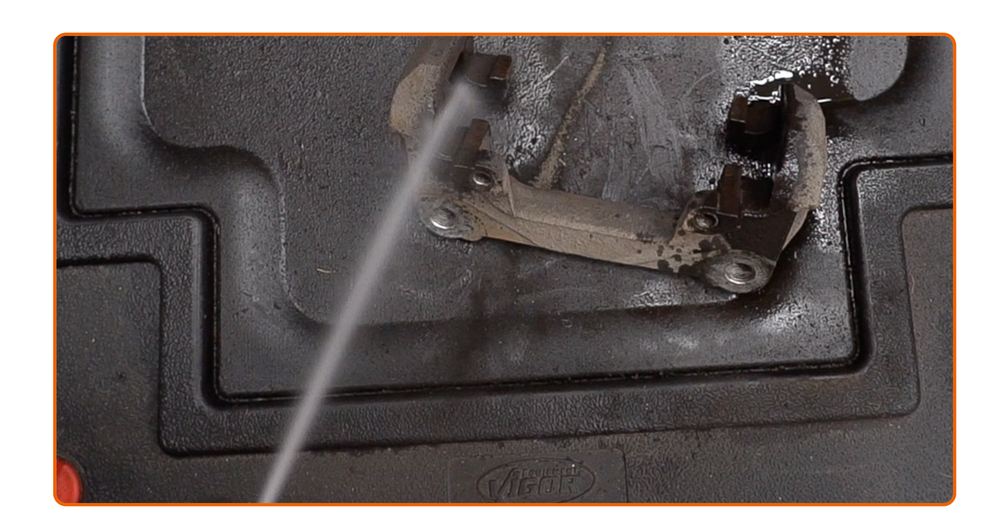


Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Alfa Romeo 159 Sportwagon. After applying the spray, wait a few minutes.

24



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – Alfa Romeo 159 Sportwagon. Professionals recommend:

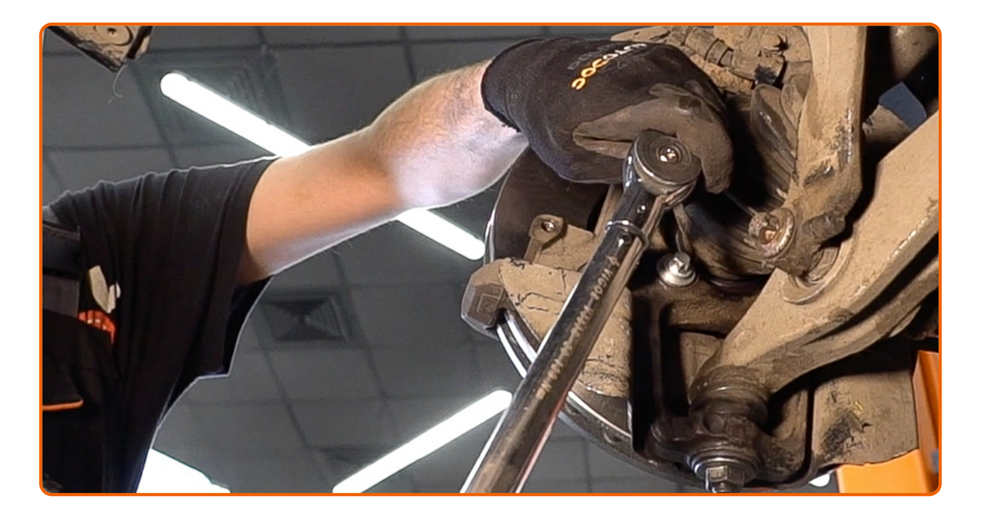
- After applying the spray, wait a few minutes.

25



Install the brake caliper bracket.

26



Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 70 Nm torque.



27

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

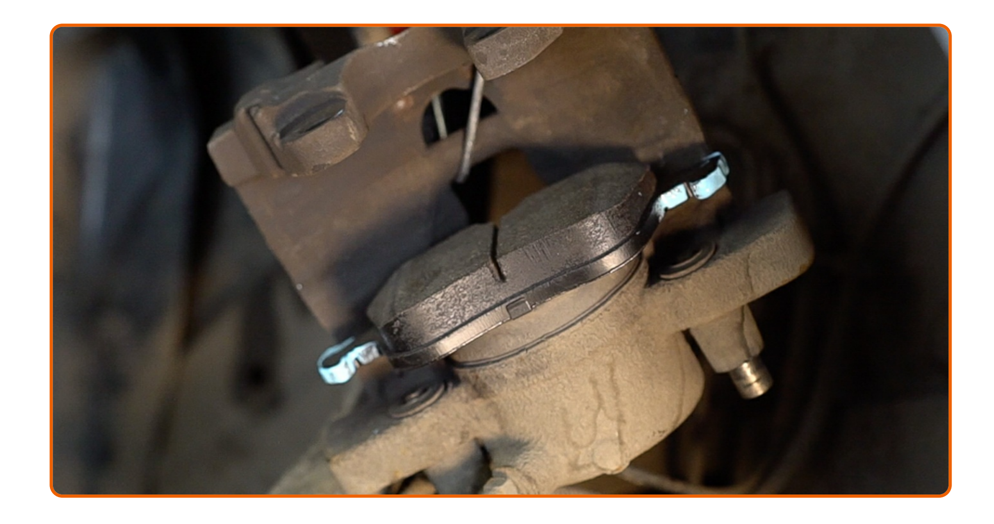
- Replacement: brake discs – Alfa Romeo 159 Sportwagon. After applying the spray, wait a few minutes.

28



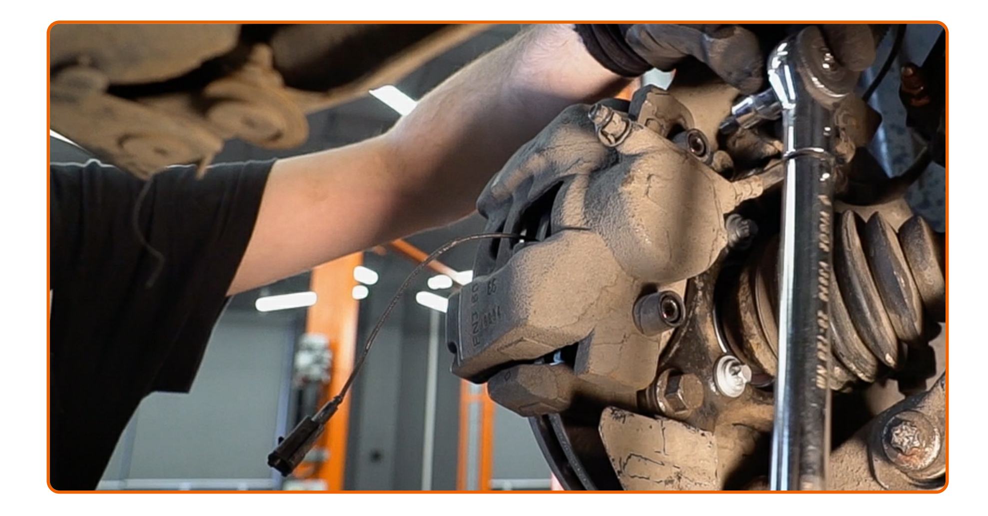
Press in the brake caliper piston. Use brake caliper wind back tool.

29



Install the brake pads.

30



Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 35 Nm torque.

31



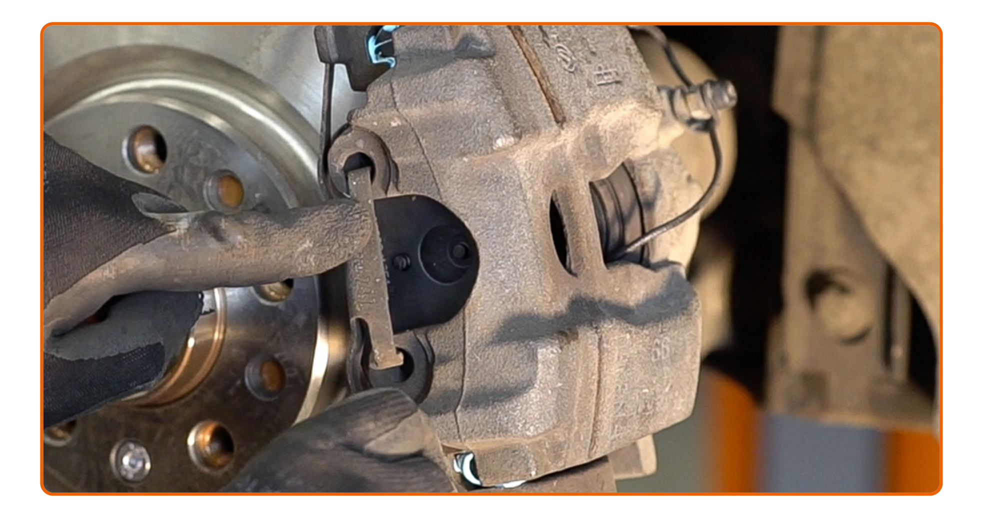
Connect the brake pad wear sensor plug.

32



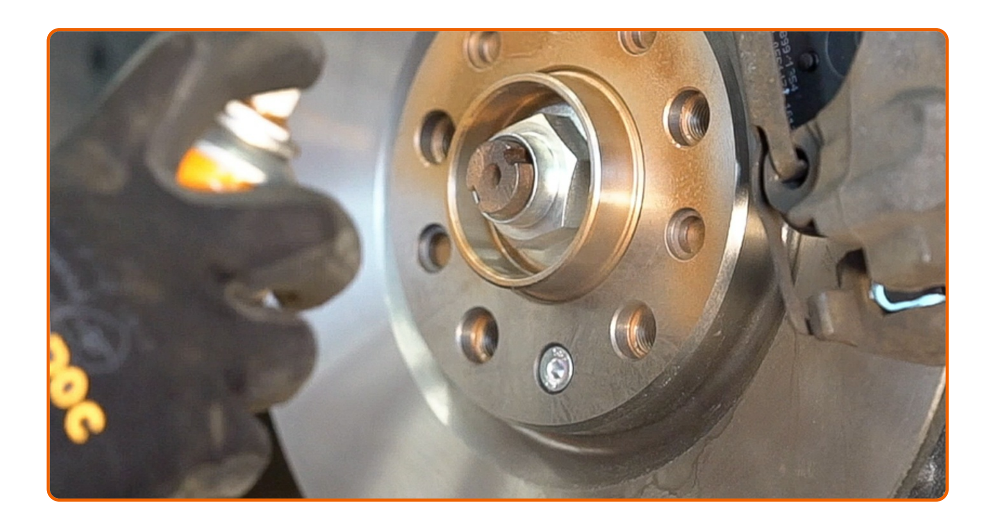
Install the dust boot caps of the brake caliper guide pins.

33



Install the brake caliper retaining spring.

34



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

35



Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Alfa Romeo 159 Sportwagon. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

36



Install the wheel.

AUTODOC recommends:

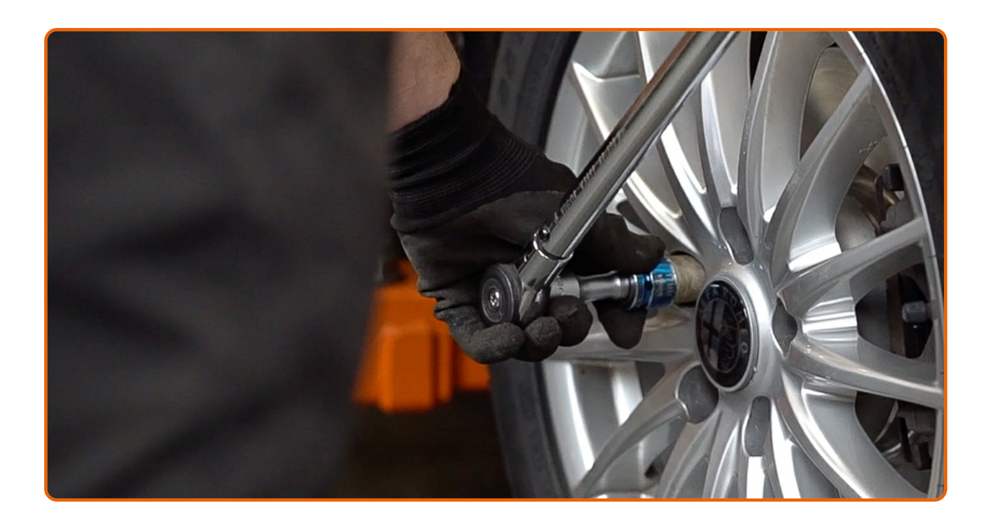
- Important! Hold the wheel while screwing in the fastening bolts. Alfa Romeo 159 Sportwagon

37



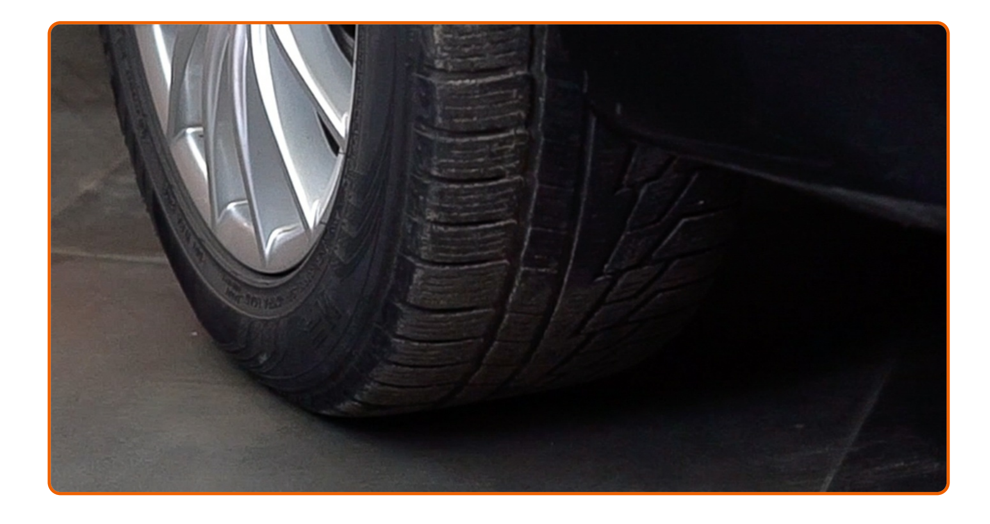
Screw in the wheel bolts. Use wheel impact socket #17.

38



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

39



Remove the jacks and chocks.

Replacement: brake discs – Alfa Romeo 159 Sportwagon. Tip:

- Check the brake fluid level in the expansion tank and refill if necessary.

40



Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- Alfa Romeo 159 Sportwagon – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

41



Close the hood.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

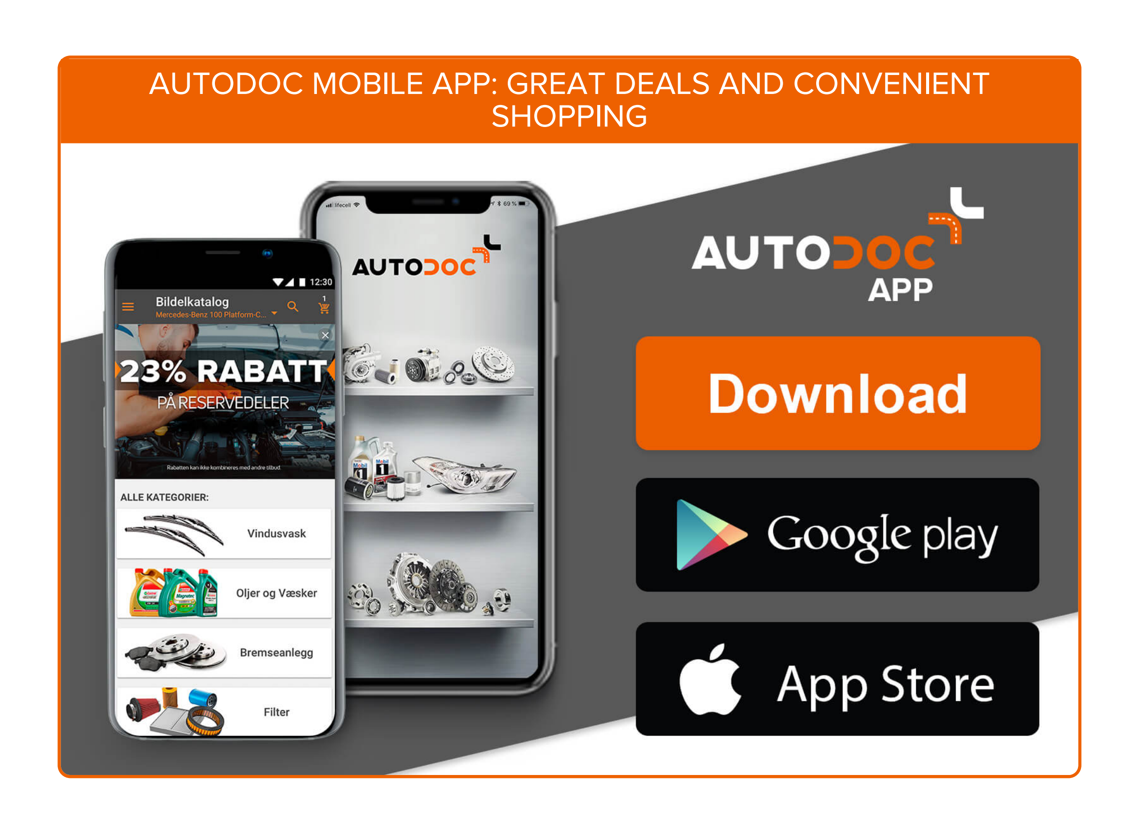
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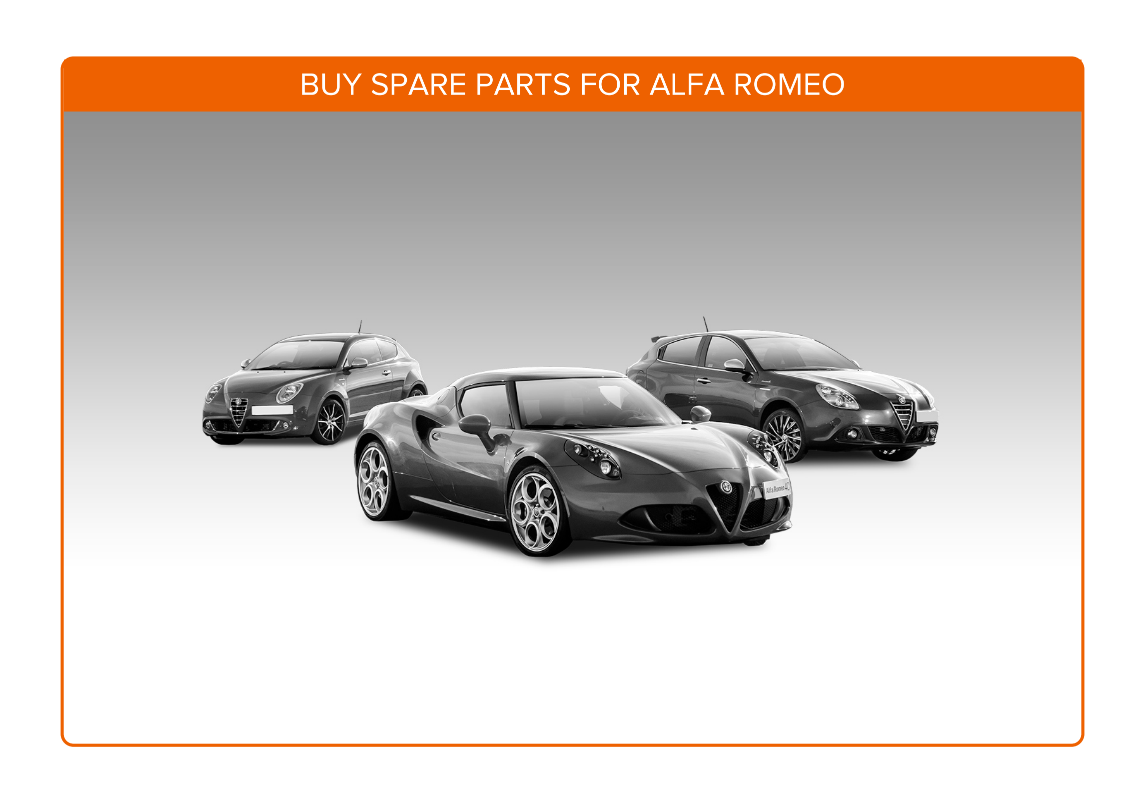
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